

Polymer Gel Treatment: A Remediation for Produced Waters

Polymer treatment of the Aeon Energy began 11/1/06 and was completed 11/4/06. Production prior to the treatment was measured at 1 BOPD with 600 BWPD. A total of 2,412 barrels of polymer was pumped. Although the results of the project are yet to be determined through production, there were some indications that the procedure may have some effect based on ‘bled off’ tests conducted during the process. The well is currently shut-in.

The following is the final report information for the MARCITsm polymer gel treatment completed at the above referenced well.

Stage	Date Begin	Time Begin	Date End	Time End	W-C204® Polymer (PPM)	Gel Vol. (Bbls)	Begin WHP (psi)	End WHP (psi)	Begin BHP (psi)	End BHP (psi)	Pump Rate		Comments
1	11/1/06	2:50 p	11/3/06	4:02 p	3,000	1,758	Vac	520	N/A	N/A	0.77	0.50	
2	11/3/06	4:02 p	11/3/06	11:00 p	4,500	210	520	700	N/A	N/A	0.50	0.50	
3	11/3/06	11:00 p	11/4/06	8:10 a	6,000	262	700	810	N/A	N/A	0.50	0.49	
4	11/4/06	8:10 a	11/4/06	2:17 p	7,500	182	810	975	N/A	N/A	0.49	0.50	
5	11/4/06	2:17 p	11/4/06	5:32 p	W. Flush		975	870	N/A	N/A	0.50	0.51	100 Bbls of water flush
Totals						2,412							Press fall off 870 - 0 psi in 15 min

